



Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number

Unknown

Filing Date

Herewith

First Named Inventor

Porter et al.

Group Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

UNMC/0014

Submission Date

January 22, 2004

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-4,572,203	02/25/1986	Steven B. Feinstein	
	A2	US-4,718,433	01/12/1988	Steven B. Feinstein	
	A3	US-4,774,958	10/04/1988	Steven B. Feinstein	
	A4	US-5,560,364	10/01/1996	Board of Regents of the University of Nebraska	
	A5	US-5,567,415	10/22/1996	Board of Regents of the University of Nebraska	
	A6	US-5,578,291	11/26/1996	Board of Regents of the University of Nebraska	
	A7	US-5,701,899	12/30/1997	Board of Regents of the University of Nebraska	
	A8	US-5,980,950	11/09/1999	Board of Regents of the University of Nebraska	
	A9	US-6,080,386	06/27/2000	Board of Regents of the University of Nebraska	
	A10	US-6,245,747	06/12/2001	Board of Regents of the University of Nebraska	
	A11	US-6,439,236	08/27/2002	Board of Regents of the University of Nebraska	
	A12	US-6,537,814	03/25/2003	Board of Regents of the University of Nebraska	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number-Kind Code <sup>2</sup> (if known)				
	B1	EP 0398935 (WO 89/06978) A1	08/10/1989	Schering AG, Berlin und Bergkamen		
	B2	EP 0441468 A2	08/14/1991	Schering AG, Berlin und Bergkamen		
	B3	EP 0458079 A2	11/27/1991	Hoechst Aktiengesellschaft		
	B4	EP 0458745 A1	11/27/1991	Sintetica S.A.		X
	B5	WO 80/02365 A1	11/13/1980	Rasor Associates, Inc.		X
	B6	WO 93/17718 A1	09/16/1993	Klaveness et al.		X
	B7	WO 96/07434 A1	03/14/1996	Klaveness et al.		X
	B8	WO 96/39197 A1	12/12/1996	IMARx Pharmaceutical Corp.		X
	B9	WO 97/29783 A1	08/21/1997	Dugstad et al.		X
	B10	WO 99/13918	03/25/1999	University of Pittsburgh		X

Examiner

Date Considered

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	Unknown
				Filing Date	Herewith
				First Named Inventor	Porter et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	UNMC/0014
Sheet 2	of 2	Submission Date	January 22, 2004		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	1	Villanueva, Flordeliza S. et al. "Albumin Microbubble Adherence to Human Coronary Endothelium: Implications for Assessment of Endothelial Function Using Myocardial Contrast Echocardiography." <u>J. Am. Coll. Cardiol.</u> 1997, 30: 689-93.	
	2	Lindner, M.D., Jonathan R. et al. "Albumin Microbubble Persistence During Myocardial Contrast Echocardiography is Associated with Microvascular Endothelial Glycocalyx Damage." <u>Circulation.</u> 1998, 98: 2187-94.	
	3	Masugata, M.D., Hisashi et al. "Comparison of Microbubble Agents that Produce Different Myocardial Signal Intensity for Quantification of Myocardial Blood Flow by Myocardial Contrast Echo." <u>The American Journal of Cardiology.</u> September 2001, 88: 714-718.	
	4	Phillips, P.J. "Contrast Pulse Sequences (CPS): Imaging Nonlinear Microbubbles." <u>IEEE Ultrasonics Symposium.</u> 2001, 1739-45.	
	5	Venneri, Lucia et al. "Detection of Carotid Artery Endothelial Function with Intravenous Microbubbles." <u>The Online Abstract.</u> 2003.	
	6	Celermajer, David S. "Endothelial Dysfunction: Does It Matter? Is It Reversible?" <u>J. Am. Coll. Cardiol.</u> August 1997, 30(2): 325-33.	
	7	Fisher, MBBS, Nicholas G. et al. "Influence of Microbubble Surface Charge on Capillary Transit and Myocardial Contrast Enhancement." <u>J. Am. Coll. Cardiol.</u> 2002, 40(4): 811-9.	
	8	Kaul, S. "Instrumentation for contrast echocardiography: technology and techniques." <u>Am. J. Cardiol.</u> November 2002, 19(90) Suppl 10A:8J-14J. <u>National Center for Biotechnology Information.</u> 14 April 2003 <http://www.ncbi.nlm.nih.gov/...PubMed&List_uids=12450584&dopt=Abstract>.	
	9	Villanueva, F.S. et al. "Microbubble-endothelial cell interactions as a basis for assessing endothelial function." <u>Echocardiography.</u> July 2002, 19(5): 427-38. <u>National Center for Biotechnology Information.</u> 28 March 2003 <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=12...>.	
	10	Lindner, M.D., Jonathan R. et al. "Microbubble Persistence in the Microcirculation During Ischemia/Reperfusion and Inflammation is Caused by Integrin- and Complement-Mediated Adherence to Activated Leukocytes." <u>Circulation.</u> 2000, 101: 668-75.	
	11	Lindner, M.D., Jonathan R. et al. "Noninvasive Ultrasound Imaging of Inflammation Using Microbubbles Targeted to Activated Leukocytes." <u>Circulation.</u> 2000, 102: 2745-50.	
	12	Klibanov, A.L. et al. "Targeting and ultrasound imaging of microbubble-based contrast agents." <u>Magma.</u> August 1999, 8(3): 177-84. <u>National Center for Biotechnology Information.</u> 28 March 2003. <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=10...>.	
	13	Lindner, M.D., Jonathan R. et al. "Ultrasound Assessment of Inflammation and Renal Tissue Injury with Microbubbles Targeted to P-Selectin." <u>Circulation.</u> 2001, 104: 2107-2112.	

Examiner	Date Considered
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